

## ABSTRACT

In a system that provides CAD layout-design information, by having the user acquire information such as circuit design or CAD layout data registered in a database, the user can analyze the acquired information, so there is a possibility that circuit-design or circuit-board-design know-how could be leaked. With this invention, a characteristic-parameter-extraction means extracts characteristic parameters from a position where there is a possibility of the occurrence of poor electrical characteristics due to an influence of the CAD layout of the input CAD layout data. A correction-determination means determines whether or not it is necessary to correct the layout by comparing the characteristic parameters and correction-determination standards that correspond to poor electrical characteristics read from a database. This makes it possible to check the electrical characteristics of the CAD layout without making available to the user the correction-determination standards or determination method.